



DURALIFE® POLYOL ESTER SYNTHETIC REFRIGERATION & AIR CONDITIONING COMPRESSOR OILS

DURALIFE® POLYOL ESTER SYNTHETIC REFRIGERATION & AIR CONDITIONING COMPRESSOR OILS are blended from polyol ester base stock and a unique additive system to provide outstanding lubricity, wear protection, chemical and thermal stability, and hydrolytic stability. They are specifically designed for use with R134a and other refrigeration systems using environmentally friendly Hydrofluorocarbon (HFC) refrigerants.

APPLICATIONS:

DURALIFE® POLYOL ESTER SYNTHETIC REFRIGERATION & AIR CONDITIONING COMPRESSOR OILS are recommended for refrigeration systems where HFC or carbon dioxide refrigerants are used such as refrigerators, freezers, air conditioners and heat pumps in household refrigeration; air conditioning systems in office building, hotel, shopping center and other applications of refrigeration and air conditioning such as industrial refrigeration, refrigeration systems for food storage, mobile and stationary air conditioning.

BENEFITS :

- Miscible with R134a, R404A, R407C, R410A and R507 refrigerants.
- Excellent chemical, thermal and oxidation stability in the presence of the new environmentally safe HFC refrigerants for long service life .
- Protect equipment reliability and efficiency by resisting the formation of gum, varnish and sludge deposits.
- Low moisture content prevent icing in refrigeration expansion valves and helps prevent system corrosion
- High dielectric strength.
- Resist foaming.

TYPICAL CHARACTERISTICS:

Test	Method	SRC 22	SRC 32	SRC 46	SRC 68	SRC 100	SRC 150	SRC 170	SRC 220	SRC 320
API Gravity	ASTM D287	19.00	22.30	22.30	24.00	20.65	24.00	20.65	19.00	17.45
Specific Gravity @ 15.6°C (60°F)	ASTM D1298	0.940	0.920	0.920	0.910	0.930	0.910	0.930	0.940	0.950
Viscosity @ 40°C, cSt	ASTM D445	22	32	46	68	100	150	170	220	320
Flash Point, °C (°F)	ASTM D92	245 (473.0)	250 (482.0)	290 (554)	260 (500)	266 (510.8)	300 (572)	254 (489)	253 (487)	300 (572)
Pour Point, °C (°F)	ASTM D97	-45 (-49)	-52 (-61.6)	-48 (-54.4)	-45 (-49)	-44 (-47)	-44 (-47)	-36 (-33)	-33 (-27)	-22 (-7.6)

The above characteristics are average values based on recent production .Minor variations which do not affect product performance are to be expected in normal manufacture

WARNING:

Continuous contact with used oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children. Don't pollute. Conserve resources. Return used oil and bottle to collection centers.

Reference SDS Number 12086 database on our website at www.amtecol.com OR scan the code for a direct link

